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<p style="text-align: center;">CERTIFICATE OF MAILING 37 C.F.R. 1.8</p> <p>I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:</p> <table><tr><td style="text-align: center;"><u>2/3/05</u> Date</td><td style="text-align: center;"><u>Kerry Morris</u> Kerry Morris</td></tr></table>	<u>2/3/05</u> Date	<u>Kerry Morris</u> Kerry Morris
<u>2/3/05</u> Date	<u>Kerry Morris</u> Kerry Morris	

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Anthony F. Veneruso	Group Art Unit: 3672
Serial No.: 10/707,596	Examiner:
Filed: 12/23/03	Atty. Dkt. No.: 24.0843
For: Nanotube Electron Emission Thermal Energy Transfer Devices	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.


In accordance with 37 C.F.R §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Assistant Commissioner is hereby authorized to deduct said fees from Deposit Account No. 19-0610.

Applicant respectfully requests that the listed documents be made of record in the present case.

Schlumberger Technology Corporation
Sugar Land Product Center
Intellectual Property Law & Contracts
200 Gillingham Lane
Sugar Land, Texas 77478
(281) 285-4562
(281) 285-4232 (Fax)

Respectfully submitted,

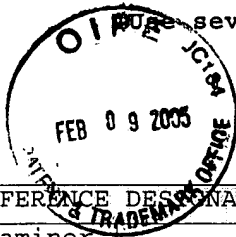

Victor H. Segura
Reg. No. 44,329

Date: 3-Feb-05

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
20.2914SERIAL NO.
10/707,596LIST OF INFORMATION PROVIDED
BY APPLICANT

Use several sheets if necessary)



APPLICANT: Anthony F. Veneruso

FILING DATE:
12/23/03GROUP
3672

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee
	AA	6,089,311	07/18/00	Edelson
	AB	6,333,016	12/25/01	Resasco et al.
	AC	6,440,761	08/27/02	Choi
	AD	6,664,727	12/16/03	Nakamoto
	AE	6,605,894	08/12/03	Choi et al.
	AF	6,064,137	05/16/00	Cox

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation	
					Yes	No
	AG					
	AH	Hishinuma, Y. et al., "Refrigeration by Combined Tunneling and Thermionic Emission in Vacuum: Use of Nanometer Scale Design," Applied Physics Letter 78(17); April 23, 2001; pp. 2572-2574.				
	AI	Shannon, Mark A. et al., "Integrated Mesoscopic Cooler Circuits (IMCCs)," 1999, Proceedings of ASME, Advanced Energy System Division, AES-Vol. 39, pp. 75-82.				
	AJ	Tavkhelidze, Avto et al., "Electron Tunneling Through Large Area Vacuum Gap - Preliminary Results," ICT2002 Conference Proceedings; pp. 1-4.				
	AK	Dean, Kenneth A. et al., "Carbon Nanotube Field Emission Electron Sources," New Diamond and Frontier Carbon Technology Vol. 12, No. 4, 2002, pp. 1.				

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

FORM PTO-1449 (Modified) ✓ LIST OF INFORMATION PROVIDED BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. 20.2914		SERIAL NO. 10/707,596	
				APPLICANT: Anthony F. Veneruso			
				FILING DATE: 12/23/03		GROUP 3672	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS				
Examiner Initial	Document No.	Date	Patentee	
BA				
BB				
BC				

FOREIGN PATENT DOCUMENTS					
Document No.	Date	Country	Translation		
			Yes	No	
BD					

OTHER INFORMATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION, PERTINENT PAGES, ETC.)	
BE	Kim, J.M. et al., "Full Color, Large Area Field Emission Displays Using Carbon Nanotube Emitters," EUROFE2000, Sept. 25-29, 2000, Segovia-Spain, pp. 1-2.
BF	Selby, John C. et al., "Fabrication of Mesoscopic, Flexible, High Pressure, Microchannel Heat Exchangers (MHEx)," Transactions of NAMRI/SME Vol. XXIX, 2001, pp. 469-476.
BG	Muroyama, Masakazu et al., "Fabrication of Carbon Nanotube Triode Using Helicon Plasma CVD with Electroplated NiCo Catalyst," Mat. Res. Soc. Symp. Proc. Vol 772, 2003, pp. M.7.4.1 – M.7.4.6.
BH	Fisher, Timothy S., "Nanoscale Energy Conversion by Selective Electron Emission: A New Paradigm or Maxwell's Demon Revisited?" Energy and Nanotechnology: Strategy for the Future, Baker Institute, Rice University, May 4, 2003; Purdue University, School of Mechanical Engineering, and Brick Nanotechnology Center, pp. 1-18.

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Examiner Initial		Document No.	Date	Patentee			
	CA						
	CB						
	CC						
FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Translation Yes No		
	CD						
OTHER INFORMATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION, PERTINENT PAGES, ETC.)							
	CE	Wei, B.Q. et al., "Organized Assembly of Carbon Nanotubes," Nature, Vol. 416, April 4, 2002, pp. 495-496.					
	CF	Moore, K.A. et al., "Performance Assessment of Thermoelectric Coolers for Use in High Temperature Electronics Applications," Proceedings of the 18 th IEEE International Conference on Thermoelectrics (1999), pp. 31-34.					
	CG	Lee, Ok-Joo et al., "Fabrication of Field Emitter Arrays of Carbon Nanotubes Aligned on Patterned Substrates Using Self-Assembly Monolayer," Mat. Res. Soc. Symp. Proc. Vol. 772, pp. M7.7.1 – M7.7.6.					
	CH	Spangenburg, K.R. et al., "Fundamentals of Electron Devices," McGraw-Hill, 1957, pp. 137-147 and 156-171.					
	CI	Rupesinghe, N.L. et al., "Field Emission Vacuum Power Switch Using Vertically Aligned Carbon Nanotubes, J. Vac. Sci. Technol. B 21-2(1), Jan./Feb. 2003, pp. 338-343.					
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